

CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/publ/pct_sequences.

XX Sequence 412 AA;
SQ
Query Match 99.38; Score 2134; DR 22; Length 412;
Best Local Similarity 99.54; Pos 36-134;
Matches 377; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1 MAHKAFFPAALWIKVILLCCLALPAFAAPQDESLYIMIDAHQARVLIGPEEDILIVSE 60
34 margsaipaaalwiallcllaltaraaqpqeeslylwidahqarvligfeedilivse 93
51 GKMAPEFDEPKAQORPAIPVNIHSMNFTWGAAGQAEYFELSLRSLDKGIMADPTVN 120
94 gkmqptlthdrkradgmpaisvnhsmnftwgaagqae fyefislrslldgimadptvn 153
121 VPLLGTVPHKASVVQVGFPCLGKQDGVAAFEVDVIVMNSGNTILQTPQNAIFPKTCQQA 180
154 vplltatvphkasyvqvfpcgkqdgvaafevdvivmnsqntilqtpqnaiffkicqga 213
181 ECPGGRNGGFCNERRICEPQGFHGFHCCKALCTPPCMNGGICVTPGFCICPPGFYGVN 240
214 ecpqgrnggfcnericep qgf hgf hcf hck alctppcmnggicvtpgfcicppgfygvn 273
241 CDKANCSTTCFNGGTCFYPGKCICTPGLSEGECEISKCPQCPNPGKCIKSKCKCKSKGY 300
274 cdkansttcfnngtcfypgkci ctpglsegeceis kcpqcpnpgkci kskckckskgy 333
301 QSDKSKPVCEFGCGAHTCHPEPKCQCEGSHGHCHCNKRYEASLIHALRPAGALRQHT 360
334 qsdkskpvcefgcgah tchpepkc qcegshghchcnkryeaslihalrpagaqlrqht 393
361 PSLKKAEEERDDPPESNYIW 379
394 pslkkaeerddppesnyiw 412
RESULT 13
AAW88726
ID AAW88726 standard; Protein: 380 AA.
XX
XX AAW88726;
XX
XX 01-MAR-1999 (first entry)
XX
XX Secreted protein encoded by gene 103 clone HLH8K94.
XX
XX Human: secreted protein; fusion protein; gene therapy; protein therapy;
KW diagnosis; tissue; cancer; tumour; neurodegenerative disorder; leukaemia;
KW developmental abnormality; foetal deficiency; blood; allergy; renal;
KW immune system; asthma; lymphocytic disease; brain; hepatic; lymphoma;
KW inflammation; ischaemic shock; Alzheimer's disease; restenosis; AIDS;
KW cognitive disorder; schizophrenia; prostate; obesity; osteoclast; thymus;
KW osteoporosis; arthritis; testis; lung; thyroiditis; thyroid; digestion;
KW endocrine; metabolism; regulation; malabsorption; gastritis; neoplasm.
XX
XX Homo sapiens.
XX
XX WC9854663-A2.
XX
XX 10-DEC-1998.
XX
XX 04-JUN-1998; 98WJ-0511422.
XX
XX 18-DEC-1997; 97US-0070923.
XX
XX 06-JUN-1997; 97US-0048877.
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XX 06-JUN-1997; 97US-0048881.
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XX 06-JUN-1997; 97US-0048884.
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XX 06-JUN-1997; 97US-0048893.
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XX 06-JUN-1997; 97US-0048896.
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XX 06-JUN-1997; 97US-0048899.

QY 121 VPLLGTVPHKASVVQVGFPCLGKQDGVAAFEVDVIVMNSGNTILQTPQNAIFPKTCQQA 180
Db 221 vplltatvphkasyvqvfpcgkqdgvaafevdvivmnsqntilqtpqnaiffkicqga 280
QY 181 ECPGGRNGGFCNERRICEPQGFHGFHCCKALCTPPCMNGGICVTPGFCICPPGFYGVN 240
Db 281 ecpqgrnggfcnericep qgf hgf hcf hck alctppcmnggicvtpgfcicppgfygvn 340
QY 241 CDKANCSTTCFNGGTCFYPGKCICTPGLSEGECEISKCPQCPNPGKCIKSKCKCKSKGY 300
Db 341 cdkansttcfnngtcfypgkci ctpglsegeceis kcpqcpnpgkci kskckckskgy 400
QY 301 QSDKSKPVCEFGCGAHTCHPEPKCQCEGSHGHCHCNKRYEASLIHALRPAGALRQHT 360
Db 401 qsdkskpvcefgcgah tchpepkc qcegshghchcnkryeaslihalrpagaqlrqht 460
QY 361 PSLKKAEEERDDPPESNYIW 379
Db 461 pslkkaeerddppesnyiw 479
RESULT 12
AAO13884
ID AAO13884 standard. Protein: 412 AA.
XX
XX AAO13884;
XX
XX 06-NOV-2001 (first entry)
XX
XX Human polypeptide SEQ ID NO 27776.
XX
XX Human: cytokine; cell proliferation; cell differentiation; gene therapy;
KW vaccine; peptide therapy; stem cell growth factor; haematopoiesis;
KW tissue growth factor; immunomodulatory; cancer; leukaemia;
KW nervous system disorders; arthritis; inflammation.
XX
XX Homo sapiens.
XX
XX WO200164845-A2.
XX
XX 07-SEP-2001.
XX
XX 26-FEB-2001; 2001WO-US04927.
XX
XX 28-FEB-2000; 2000US-0515126.
XX
XX 18-MAY-2000; 2000US-0577409.
XX
XX (HYSE-) HYSEQ INC.
XX
XX Tanq YT, Liu C, Dermanac RT;
XX
XX WPI; 2001-514838/56.
XX
XX N-PSDB; AAI93815.
XX
XX Isolated nucleic acids and polypeptides, useful for preventing
XX diagnosing and treating e.g. leukaemia, inflammation and immune
XX disorders.
XX
XX Claim 20: SEQ ID NO 27776, 1399pp + Sequence listing; English.
XX
XX The invention relates to human polynucleotides (AAI79941-AAI93841) and
XX the encoded proteins (AAO00010-AAO13910) that exhibit activity relating to
XX cytokine, cell proliferation or cell differentiation or which may induce
XX production of other cytokines in other cell populations. The
XX polynucleotides and polypeptides are useful in gene therapy, vaccines or
XX peptide therapy. The polypeptides have various cytokine-like activities,
XX e.g. stem cell growth factor activity, haematopoiesis regulating
XX activity, tissue growth factor activity, immunomodulatory activity and/or
XX activity/inhibin activity and may be useful in the diagnosis and/or
XX treatment of cancer leukaemia, nervous system disorders, arthritis and
XX other diseases.

XX The data for this patent did not form part of the printed

PR	06-JUN-1997	9705-00489157
PR	06-JUN-1997	9705-00483449
PR	06-JUN-1997	9705-00489644
PR	06-JUN-1997	9705-00489722
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PR	06-JUN-1997	9705-00490163
PR	06-JUN-1997	9705-00490167
PR	06-JUN-1997	9705-00490171
PR	06-JUN-1997	9705-00490175

(HUMA-) HUMAN GENOME SCI INC.

Brewer LA, Carter KC, Dillon PJ, Ebner K, Endress GA;
 Pan P, Feng P, Ferrie AM, Fischer CL, Florence C;
 Florence K, Greene JM, Hu J, Kyaw H, Latifeur DW;
 Li Y, Moore PA, Ni J, Olsen HS, Rosen CA, Ruben SM;

[illegible]

Shi Y, Soppet DP, Wei Y, Young P, Yu C, Zeng Z, WFI, 1999-059865/05.
N-PSDB; AAV84603.

New isolated human genes and the secreted polypeptides they encode - useful for diagnosis and treatment of e.g. cancers, neurological disorders, immune diseases, inflammation or blood disorders

Claim 11; Page 579-580; 772pp; English.

The invention relates to nucleic acid sequences (AAV64411 to AAV64033) encoding human secreted proteins (AAWR8534 to AAW8756). The secreted protein gene sequences are deposited with the ATCC under accession numbers AAW8534, AAW8535, AAW8536, AAW8537, AAW8538, AAW8539, AAW8540, AAW8541, AAW8542, AAW8543, AAW8544, AAW8545, AAW8546, AAW8547, AAW8548, AAW8549, AAW8550, AAW8551, AAW8552, AAW8553, AAW8554, AAW8555, AAW8556, AAW8557, AAW8558, AAW8559, AAW8560, AAW8561, AAW8562, AAW8563, AAW8564, AAW8565, AAW8566, AAW8567, AAW8568, AAW8569, AAW8570, AAW8571, AAW8572, AAW8573, AAW8574, AAW8575, AAW8576, AAW8577, AAW8578, AAW8579, AAW8580, AAW8581, AAW8582, AAW8583, AAW8584, AAW8585, AAW8586, AAW8587, AAW8588, AAW8589, AAW8590, AAW8591, AAW8592, AAW8593, AAW8594, AAW8595, AAW8596, AAW8597, AAW8598, AAW8599, AAW8600, AAW8601, AAW8602, AAW8603, AAW8604, AAW8605, AAW8606, AAW8607, AAW8608, AAW8609, AAW8610, AAW8611, AAW8612, AAW8613, AAW8614, AAW8615, AAW8616, AAW8617, AAW8618, AAW8619, AAW8620, AAW8621, AAW8622, AAW8623, AAW8624, AAW8625, AAW8626, AAW8627, AAW8628, AAW8629, AAW8630, AAW8631, AAW8632, AAW8633, AAW8634, 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Sequence 380 AA;

Query Match	99.08;	Score 2127;	DB 20,	Length 380;
Best Local Similarity	99.5%;	pred. No. 6.9e-134;		
Matches 377;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

[illegible]